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PTO/SB/08A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **1** of **3**

Complete If Known

Application Number	09/977,019
Filing Date	12 October 2001
First Named Inventor	Brent W. Edwards et al.
Group Art Unit	3736
Examiner Name	C. Marmor II
Attorney Docket Number	RXSD 1014-1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Can	A1	3,808,354		Feezor et al.	04-30-1974	
Can	A2	4,284,847		Besserman	08-18-1981	
Can	A3	5,197,332		Shennib	03-30-1993	
Can	A4	5,737,389		Allen	04-07-1998	
Can	A5	5,811,681		Braun et al.	09-22-1998	
Can	A6	5,868,683		Protopapas et al.	02-09-1999	
Can	A7	5,928,160		Clark et al.	07-27-1999	
Can	A8	6,022,315		Iliff	02-08-2000	
Can	A9	6,061,431		Knappe et al.	05-09-2000	
Can	A10	6,319,207		Naidoo	11-20-2001	
Can	A11	6,379,314		Horn	04-30-2002	
Can	A12	6,428,485		Rho	08-06-2002	
Can	A13	6,522,988		Hou	02-18-2003	
Can	A14	2002/0076056		Pavlakos	06-20-2002	
	A15					
	A16					
	A17					
	A18					
	A19					
	A20					

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
Can	B1		WO 00/64350		Czyzewski et al.	11-02-2000		
Can	B2		WO 01/26272		Menzel et al.	04-12-2001		
Can	B3		WO 01/52737		Audia Tech	07-26-2001		
Can	B4		DE 19600234		Auric	07-10-1997	Abstract Only	
Can	B5		DE 19815373		Siemens	10-14-1999	Abstract Only	
Can	B6		DE 29905172		Roman et al.	06-10-1999	Abstract Only	
	B7							
	B8							
	B9							
	B10							

Examiner
Signature

Charles Marmor, II

Date
Considered

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Compleat If Known

Application Number	09/977,019
Filing Date	12 October 2001
First Named Inventor	Brent W. Edwards et al.
Group Art Unit	3736
Examiner Name	C. Marmor II
Attorney Docket Number	RXSD 1014-1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Com	C1	BRAIDA, L.D. et al., "Review of Recent Research on Multiband Amplitude Compression for the Hearing Impaired," Studebaker, G.A., et al. eds., The Vanderbilt Hearing-Aid Report, Upper Darby, Pennsylvania: Monographs in Contemporary Audiology (1982), 133-140.	
Com	C2	LIPPMANN, R.P., et al., "Study of Multichannel Amplitude Compression and Linear Amplification for Persons with Sensorineural Hearing Loss," J. Acoust. Soc. Am. (February 1981) 524-534.	
Com	C3	VILLCHUR, E., "Signal Processing to Improve Speech Intelligibility in Perceptive Deafness," J. Acoust. Soc. Am. 53(6) (1973), 1646-1657.	
Com	C4	http://www.audiologyawareness.com/ Web site providing survey-type hearing assessment tests, date of publication unknown. URL reg. as early as 24 November 1997.	
	C5		
	C6		
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	C10		
	C11		

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